

Stony Brook Conduit Management Program

Informational Meeting

Watertown, MA

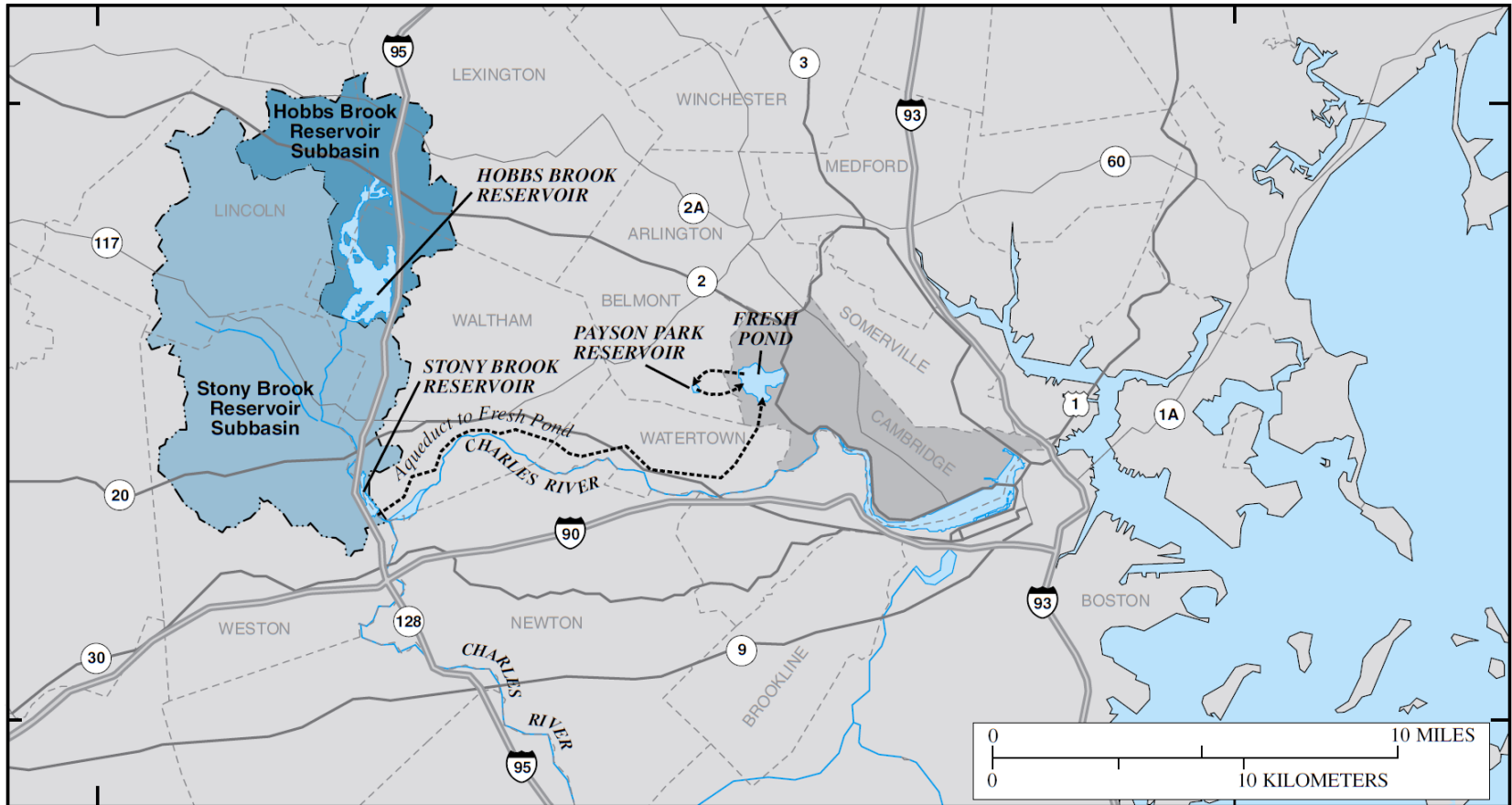
149 Main St. - Town Council Chambers

January 17, 2018



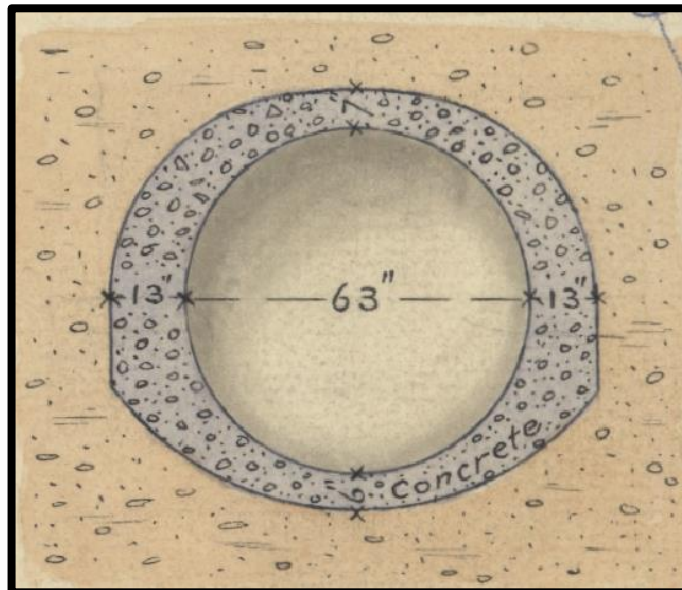
City of Cambridge

Drinking Water Supply – Reservoir System



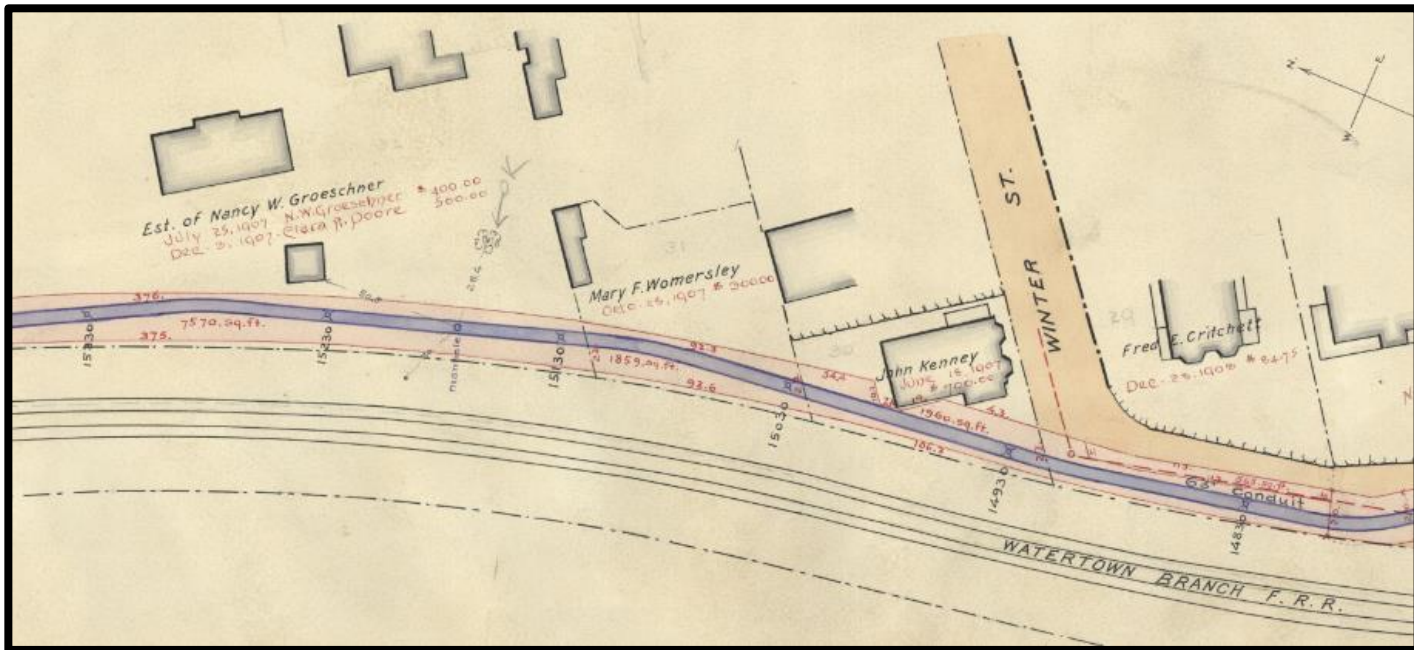
Stony Brook Conduit

- 7.5 miles long
- 30" and 36" cast iron pipes (Waltham)
- 63" poured in place concrete conduit, formed in 10' sections (Watertown)
- Transports "raw" water to the City of Cambridge for its drinking water



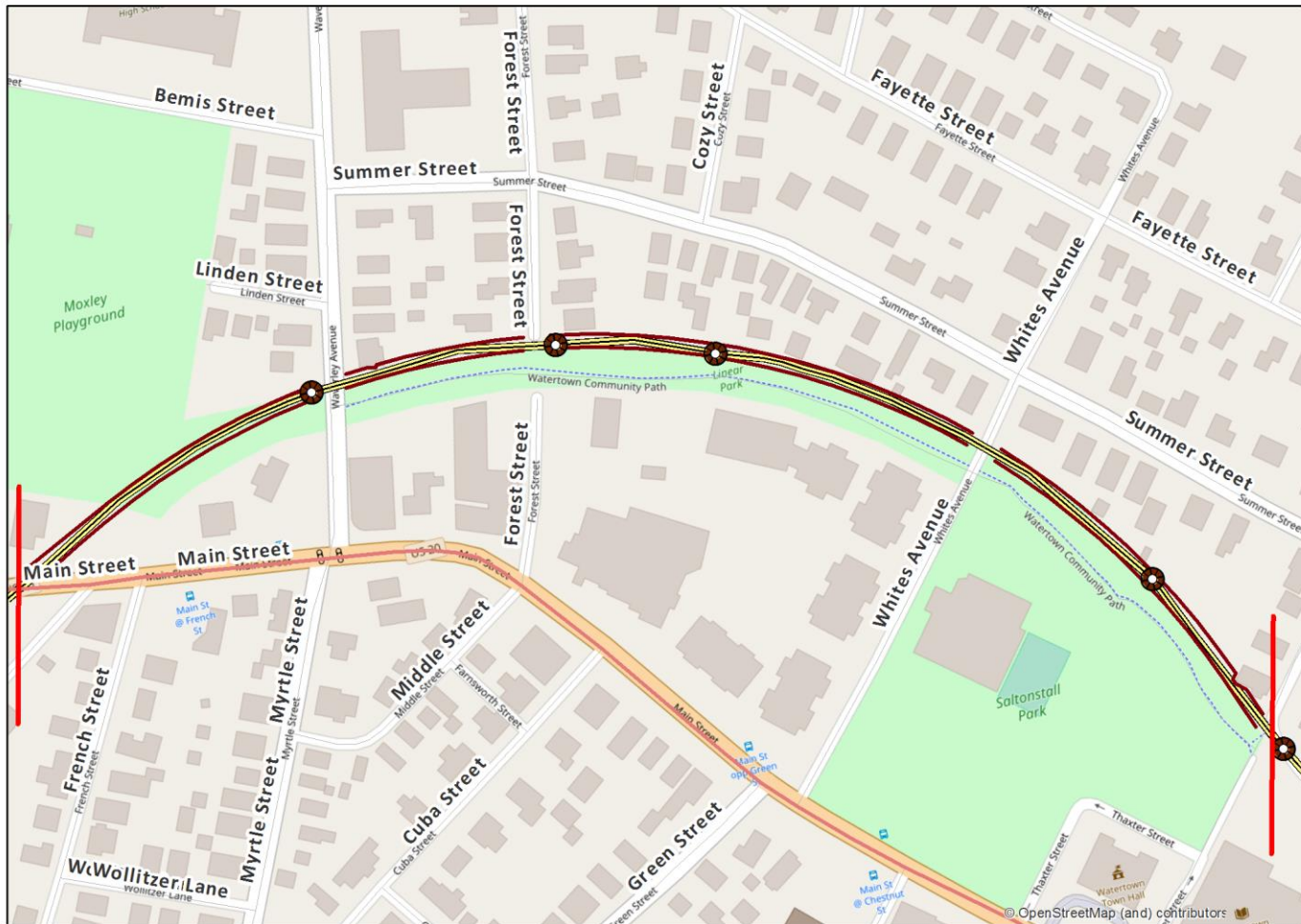
Program Description – Watertown, MA

- Survey property boundaries (2013)
- Address Cambridge property encroachments (ongoing)
- Locate, bring to grade 4 access manholes (2016)
- Inspect/CCTV conduit to evaluate exiting conditions
- Develop recommendations to restore conduit condition



Program Location – Watertown, MA

Main Street, east to Winter Street

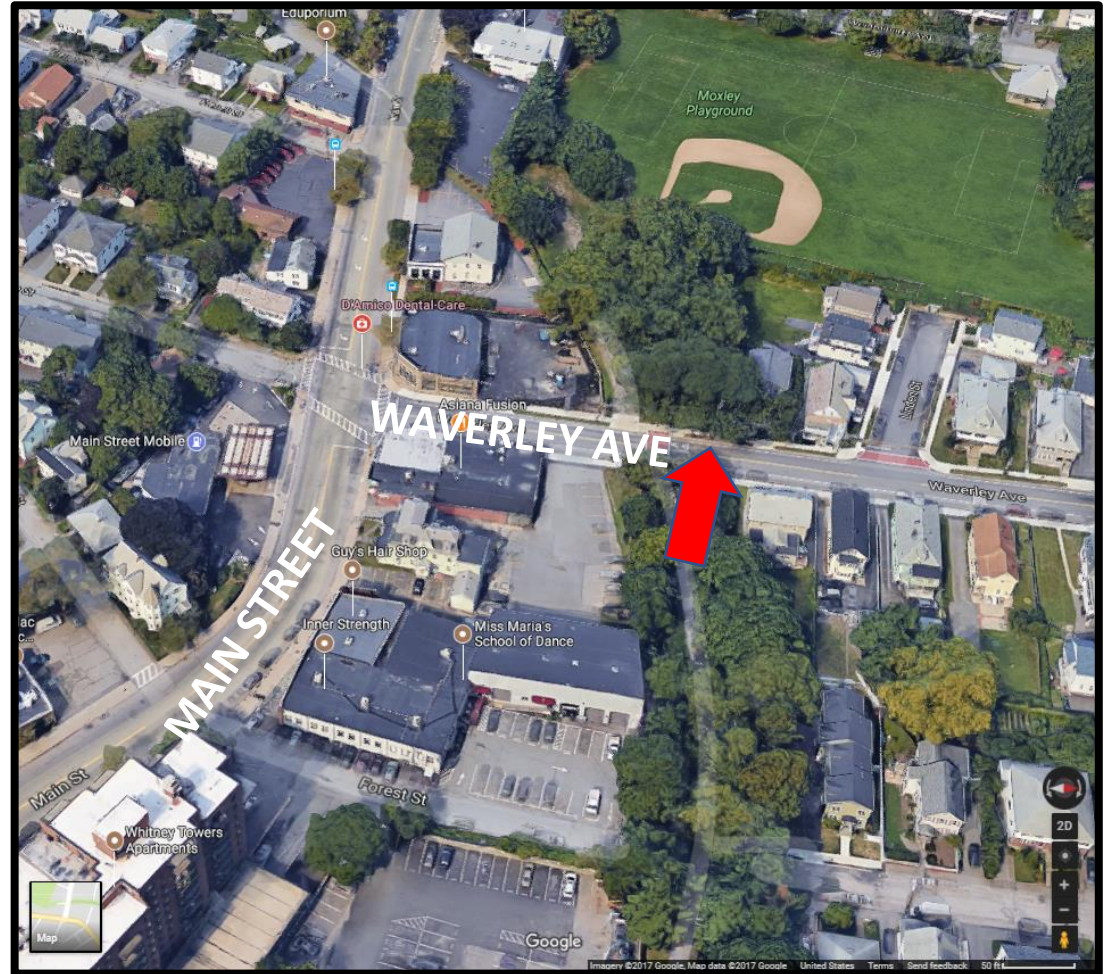


Upcoming work – Waverly Avenue

- Find, bring to grade manhole at Waverly Avenue
- Requires removal of 2 black locusts (8-10” and 12-14” caliper) on Cambridge property
- The manhole is over 7’ below the surface requiring larger equipment to excavate to that depth
- Tree removal is required to allow for safe excavation



Upcoming work – Waverly Avenue

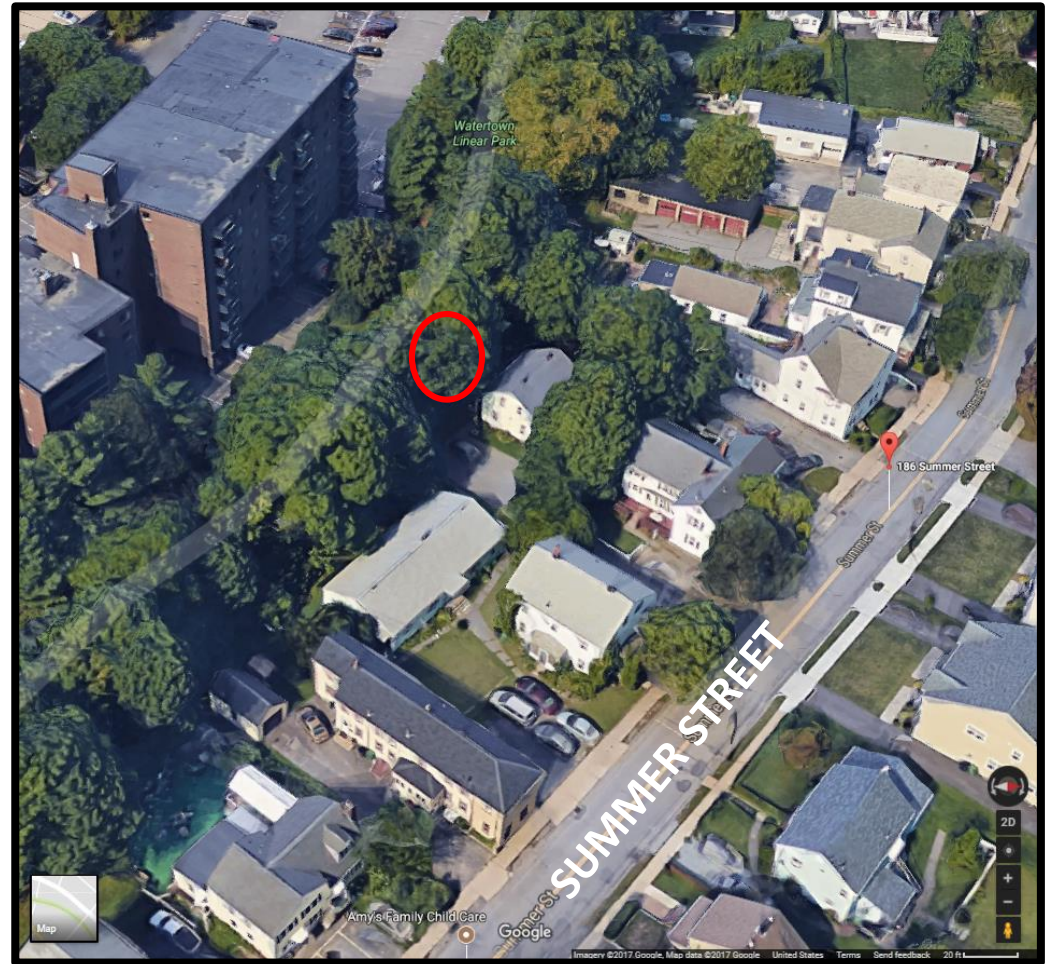


Upcoming work: 184-186 Summer Street

- Remove 2 – 3 hazardous trees in significant decline
- Clearance prune 3 – 4 trees
- Remove hanging branches, vines
- Trees are on Cambridge property
- Owner requested this work and the Watertown and Cambridge Arborists concur



Upcoming work: 184-186 Summer Street



Upcoming work: 144-146 Summer Street

- Remove hazardous ~36" caliper Norway maple
- Large weight-bearing cavity in center leader observed ~25' high in the tree
- Tree is on Cambridge property
- Watertown and Cambridge Arborists concur with the need to remove this tree



Upcoming work: 144-146 Summer Street

